



Date: December 16, 2021 **Time:** 16:25:25 UTC

Employee: N. Guenther

Job Name: CA Salton Sea

Point ID: GCP_058

State: California

Latitude: 32 59 08.79781

Longitude: -115 08 05.45521

Address and/or Intersection: Ben Hulse Hwy. and Osborne Park Rd.

OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	H RMS:	V RMS:	Duration:		
<input checked="" type="radio"/>	STATIC GNSS	Start Time: 16:25:25 UTC		End Time: 22:12:00 UTC		
<input type="radio"/>	Conventional Pairs VRS	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Conventional Pairs STATIC	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Occupied Point	Pt.# / HT: _____ / _____	B.S	Pt.# / HT: _____ / _____	F.S.	Pt.# / HT: _____ / _____
<input type="radio"/>	Back Sight Point	Distance: _____	Vertical Angle: _____	Angle: _____		
<input type="radio"/>	F.S. Point	Angle: _____	Vertical Angle: _____	Slope Dist: _____	Horizontal Dist: _____	

TYPE OF SURFACE

<input type="checkbox"/>	PAVEMENT
<input type="checkbox"/>	VEGETATION
<input checked="" type="checkbox"/>	BARE SOIL
<input type="checkbox"/>	NGS CONTROL

PICTURES

<input checked="" type="checkbox"/>	Photos of area & setup
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POINT RE-CHECK

Date: _____

Time: _____

Pt ID: _____

Description:

Sketch or Image of Area





POINT ID: GCP_058
MONUMENT PHOTO

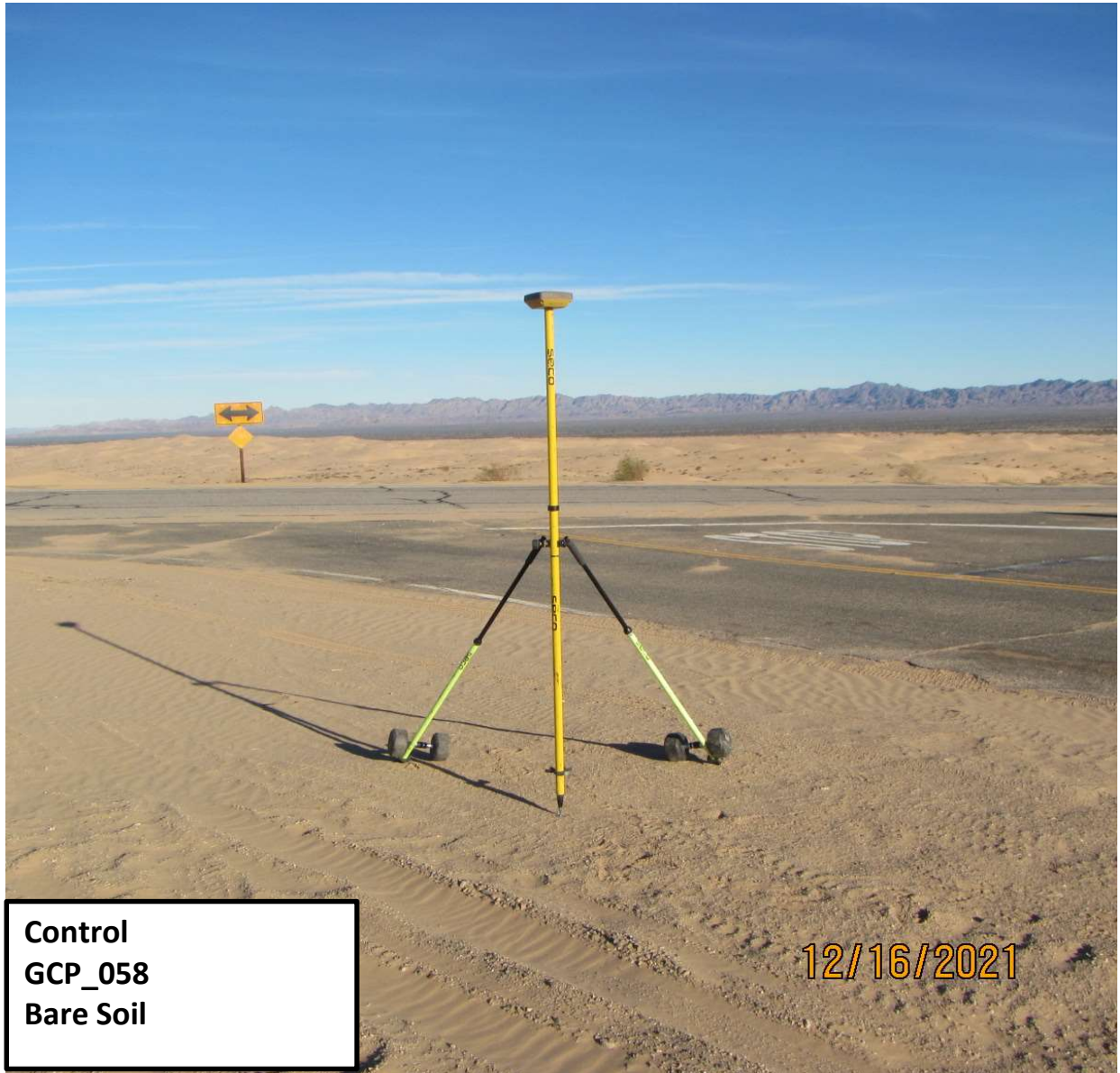


Control
GCP_058
Bare Soil

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POINT ID: GCP_058
NORTH PHOTO





POINT ID: GCP_058
EAST PHOTO



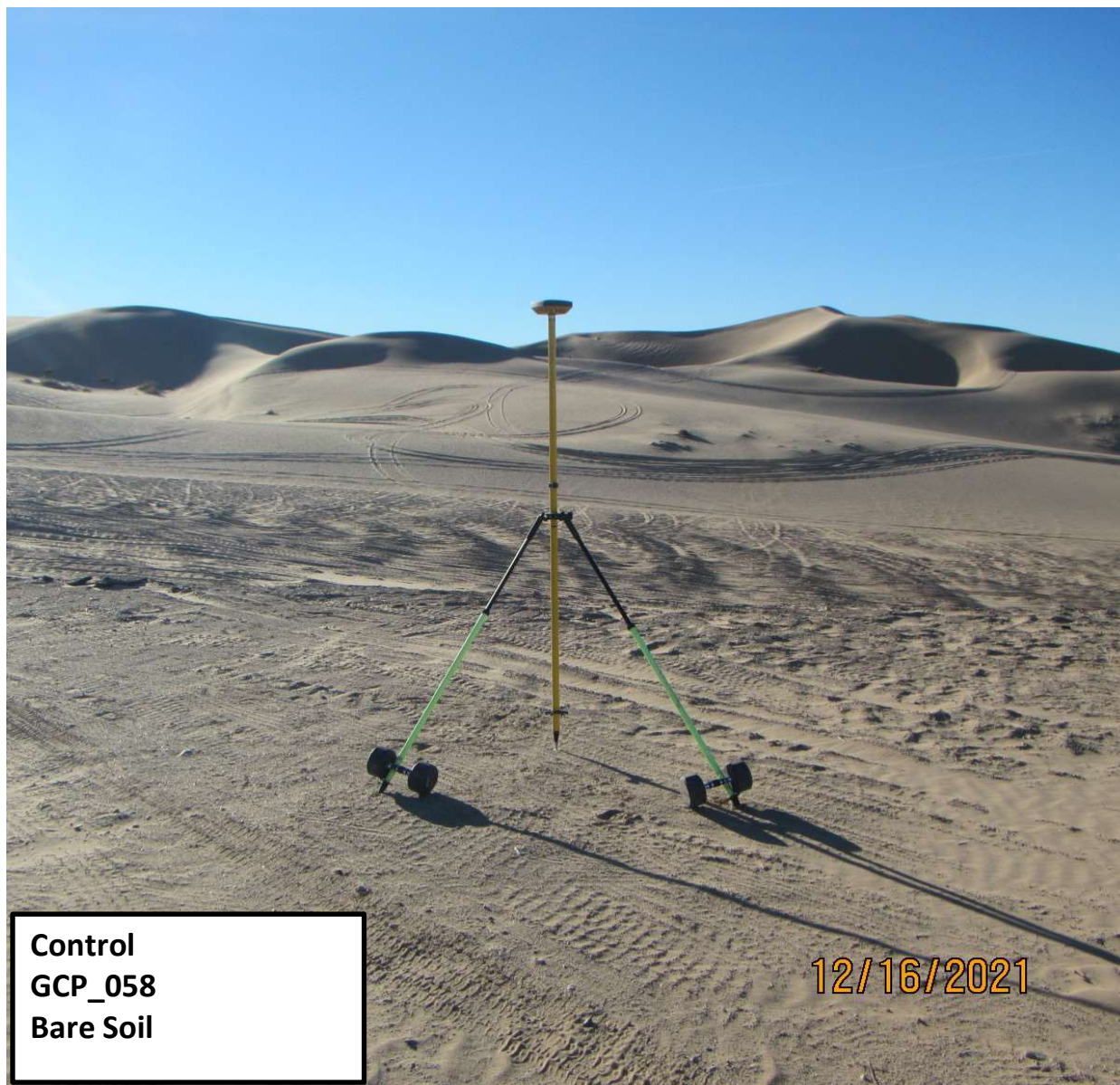
Control
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SOUTH PHOTO



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POINT ID: GCP_058
WEST PHOTO





RINEX FILE: c062350q.21o

TIME: 18:28:35 UTC

SOFTWARE: page5 2008.25 master271.pl 16032 START: 2021/12/16 16:25:00
 EPHEMERIS: igr21884.eph [rapid] STOP: 2021/12/16 22:12:00
 NAV FILE: brdc3500.21n OBS USED: 12060 / 12886 : 94%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 58 / 60 : 97%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.012(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9584)

X: -2274712.904(m) 0.010(m) -2274713.830(m) 0.010(m)
 Y: -4848313.390(m) 0.009(m) -4848312.038(m) 0.009(m)
 Z: 3452687.889(m) 0.018(m) 3452687.705(m) 0.018(m)

LAT: 32 59 8.79781 0.012(m) 32 59 8.80750 0.012(m)
 E LON: 244 51 54.54479 0.011(m) 244 51 54.49039 0.011(m)
 W LON: 115 8 5.45521 0.011(m) 115 8 5.50961 0.011(m)
 EL HGT: 95.974(m) 0.014(m) 95.177(m) 0.014(m)
 ORTHO HGT: 130.001(m) 0.061(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3651254.862	591398.709
Easting (X) [meters]	674275.249	2104226.340
Convergence [degrees]	1.01570278	0.61279444
Point Scale	0.99997449	0.99997249
Combined Factor	0.99995942	0.99995742

US NATIONAL GRID DESIGNATOR: 11SPS7427551254(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DN7404	P500 ALLAMERICNCS2005	CORS ARP	N324124.153 W1151759.705	36256.5
DH8055	GLRS GLRS_SCGN_CS1999	CORS ARP	N331629.309 W1153116.890	48253.9
DN7584	GMPK GMPK_SCGN_CS2000	CORS ARP	N330303.892 W1144938.396	29636.9

NEAREST NGS PUBLISHED CONTROL POINT

DW0002	295 USGS	N330119.000 W1150628.000	4742.2
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